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HITS MINISTRY FOR NOT PUBLICIZING PLANT'S IMPROVED TECHNIQUES,  
SHIP EQUIPMENT TO SOVIET CONSTRUCTION PROJECTS

INCREASES EFFICIENCY OF TUNNEL OVEN -- Kiev, Pravda Ukrainy, 22 Mar 51

The Slavyansk Fittings and Insulator Plant imeni Artem has increased the efficiency of a tunnel oven without discontinuing production. The design of the oven was simplified, its operation made easier, and firebrick in the oven cars was replaced with a lining of foam refractory material. Elimination of firebrick reduced the fuel consumption per article processed. By 1948, the tunnel oven was baking 16 cars of ceramic articles instead of 12, the load per car was increased from 620 kilograms to 1,140, and the weight of the fire-resistant lining was reduced to 2.26 tons.

After painstaking research, plant technicians have come to the conclusion that the oven insulation should be no less than 200 millimeters thick. But there are still ovens whose insulation is two or three times thinner than this, causing great heat waste. The Slavyansk Plant was the first to apply saggerless baking, which increases the turnover of cars and the utilization of the oven's volume. Now 20 cars of ceramic articles are being baked simultaneously.

The value of these innovations was recognized by a technical conference called by the Ukrainian division of VNIITG (All-Union Scientific Research Technical Department) of the silicate industry held in 1949. The Department of Ceramics Technology, Refractories, Glass, and Enamels of the Khar'kov Polytechnic Institute highly commended the improvement of tunnel ovens at this plant and recommended widespread adoption of these innovations. However, nobody is seriously engaged in publicizing the experience of the Slavyansk Plant. For instance, the Ministry of Electrical Industry USSR is building a silicate plant in the Donets Basin and plans to equip it with three of the old-type tunnel ovens. If the experience of the Slavyansk Plant were applied here, only one oven would be necessary.

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The Chasov Yar Refractory Plant, Ministry of Ferrous Metallurgy USSR, a neighbor of the Slavyansk Plant, does not yet use foam refractory material for lining cars, even though it makes this type of material. The Slavyansk Acid-Resistant Materials Plant, Ministry of Construction Materials Industry, could adopt saggerless baking of lining blocks, and thus increase the load in the ovens while reducing fuel consumption.

The Ministry of Electric Power Stations does not consider itself obligated to spread and popularize the experience of the Slavyansk Plant, which is the only enterprise of its kind in the ministry. The Ukrainian division of VNITO has not fulfilled its decision, adopted in 1949, to publish a book on the new improvements to tunnel ovens.

SHIPS INSULATORS, SWITCHES TO PROJECTS -- Tashkent, Pravda Vostoka, 17 Apr 51

The Slavyansk Fittings and Insulator Plant imeni Artem has shipped ahead of time about 100,000 insulators and a great quantity of fittings to projects on the Volga, the Don, and in Central Asia.

Tashkent, Pravda Vostoka, 28 Apr 51

The Slavyansk Fittings and Insulator Plant has shipped the first consignment of insulators for installing high-voltage transmission lines to the Kuybyshev and Volga-Don projects.

The plant has also shipped two powerful aerial switches to Kuybyshev, along with a special brigade to install them.

Kiev, Pravda Ukrainy, 26 May 51

The Slavyansk Fittings and Insulator Plant imeni Artem has shipped dozens of carloads of high-voltage insulators and other fittings to the construction projects. Second-quarter orders for the projects were completed on 10 May.

Molding machine's now replace machineless molding in the production of pin insulators, and glazing is now applied by machine instead of by hand. The use of these machine processes increases output per worker per shift from 600 to 5,500 insulators.

MAKES LIGHT FIXTURES FOR PROJECTS -- Yerevan, Kommunist, 12 May 51

In April, the Yerevan Electric Light Fixtures Plant shipped 830 sets of light fixtures to the Volga-Don Canal project, filling the order 2 months and 8 days ahead of time.

Two thirds of the orders for the first half of 1951 have already been shipped to the South Ukrainian Canal project. Plant workers are making every effort to ship the rest of the half-year order, 850 sets of fixtures, during May.

The plant recently received a new order from the Volga-Don Canal project for 1,000 sets of outdoor light brackets to be delivered in June.

Yerevan, Kommunist, 26 May 51

The Yerevan Electric Light Fixtures Plant turned out 93 percent first-class production in the first 4 months of 1951 instead of the 81.5 percent called for by plan.

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In the 4 years of its existence, the plant has produced more than 120,000 artistic electric-light fixtures.

In February 1951, the plant received an order for 2,200 sets of electric-light fixtures to be delivered to the South Ukrainian Canal project in the first half of 1951. The plant has already delivered 2,070 sets of fixtures to the project.

The plant filled an order for 430 sets of light fixtures for the Volga-Don Canal project ahead of time. On 2 May, the plant received a new order for 1,000 sets of brackets for outdoor light fixtures for the Volga-Don project.

**LACK OF CABLE HOLDS UP CONSTRUCTION PROJECT -- Tashkent, Pravda Vostoka, 14 Apr 51**

Many electric excavators are standing idle at the Tsimlyansk GES and the Volga-Don Canal projects because the Tashkent Elektrokabel' Plant failed to deliver excavator cable according to plan. The plant promised to ship the cable in February, then on 20 March, on 5 April, and on 12 April, but the order has not yet been filled.

The Elektrokabel' Plant has received orders for excavator and other types of cable from the Main Turkmen Canal project. These orders demand radical alterations in the operation of certain shops, especially shop No 22. but these changes have not been made.

An example of the irresponsible attitude of the plant administration is the way in which it has acted on orders for the Main Turkmen Canal. The plant received a large order at the end of March for aluminum wire for the overhead main power lines of the Main Turkmen Canal project. It shipped the aluminum wire, which the canal builders will need in the third and fourth quarters of 1951, early in April for the simple reason that it had the wire in stock. But the plant is not making the things which are urgently needed right now.

**RUSH COMMUNICATIONS CABLE TO VOLGA-DON PROJECT -- Leningradskaya Pravda, 11 May 51**

The Leningrad Sevkabel' Plant was to supply the Volga-Don Canal project with 110 kilometers of cord (kordel'niy) cable during 1951, but the canal builders sent a message pointing out the necessity of sending this cable in the first half of 1951.

The communications cable shop had completed 77 kilometers of high-quality cable by 8 May and shipped part of it to the canal site.

**WORK ON HIGH-VOLTAGE CABLE -- Leningradskaya Pravda, 20 May 51**

A 500-meter experimental section of high-voltage cable capable of carrying 110,000 volts has been completed at the Leningrad Sevkabel' Plant.

**SHIP TELEPHONE CABLE TO GES SITE -- Moscow, Moskovskaya Pravda, 26 May 51**

The Podol'sk Cable Plant has shipped 50 kilometers of single-pair telephone cable to the Stalingrad GES project ahead of time.

The plant turned out a million rubles' worth of above-plan production in the first 4 months of 1951.

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SHIP WIRE TO EXCAVATOR PLANTS -- Yerevan, Kommunist, 21 Apr 51

The Yerevan Cable Plant shipped 80 kilometers of heavy wire for excavators to plants of the Ministry of Construction and Road Machine Building on 20 April 1951.

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